LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102910.D
Acq On : 12 Feb 2018 10:35
Operator : SJ/JU
Sample : J1506-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-22(2-4)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	9	16	28	rVB	533603	718344	13.69%	1.579%
2	5.128	514	517	528	rVB	151850	209364	3.99%	0.460%
3	5.510	576	582	585	rBV	4953050	5245870	100.00%	11.533%
4	6.516	747	753	756	rBV	4390608	5109896	97.41%	11.234%
5	6.657	772	777	780	rBV	4898757	5063628	96.53%	11.132%
6	6.887	812	816	819	rBV	1255400	1134144	21.62%	2.493%
7	7.040	838	842	846	rBV	3693508	3700213	70.54%	8.135%
8	7.451	906	912	915	rBV	3265290	3461706	65.99%	7.610%
9	8.169	1030	1034	1037	rBV	1684174	1493902	28.48%	3.284%
10	9.239	1211	1216	1220	rBV	4335454	4474723	85.30%	9.837%
11	9.316	1226	1229	1231	rVB	69934	55329	1.05%	0.122%
12	9.633	1279	1283	1286	rBV	430982	385329	7.35%	0.847%
13	9.845	1315	1319	1323	rVB	220717	174769	3.33%	0.384%
14	9.922	1328	1332	1336	rBV2	1732820	1594967	30.40%	3.506%
15	10.345	1397	1404	1407	rBV	268017	217465	4.15%	0.478%
16	10.563	1436	1441	1444	rBV	61763	81581	1.56%	0.179%
17	10.716	1462	1467	1470	rBV	2891799	2878728	54.88%	6.329%
18	10.816	1481	1484	1493	rVB	205217	220458	4.20%	0.485%
19	11.269	1557	1561	1563	rBV	77563	69952	1.33%	0.154%
20	11.410	1581	1585	1588	rBV	1626770	1501609	28.62%	3.301%
21	11.433	1588	1589	1594	rVB	167209	110012	2.10%	0.242%
22	11.927	1668	1673	1681	rBV3	156128	209066	3.99%	0.460%
23	12.621	1788	1791	1796	rVB	207833	188823	3.60%	0.415%
24	12.857	1825	1831	1834	rBV	175761	190661	3.63%	0.419%
25	12.998	1850	1855	1858	rBV	3613614	3680125	70.15%	8.090%
26	13.468	1931	1935	1941	rVB	67045	69301	1.32%	0.152%
27	13.880	2001	2005	2013	rBV	790355	759803	14.48%	1.670%
28	14.051	2030	2034	2037	rBV	1145447	1113189	21.22%	2.447%
29	14.515	2110	2113	2115	rBV2	54364	60148	1.15%	0.132%
30	15.098	2209	2212	2215	rBV	58256	84413	1.61%	0.186%
31	15.474	2273	2276	2281	rVB	48598	66001	1.26%	0.145%
32	15.539	2281	2287	2301	rVB	757403	1075725	20.51%	2.365%
33	16.045	2370	2373	2381	rBV4	46184	88300	1.68%	0.194%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102910.D
Acq On : 12 Feb 2018 10:35
Operator : SJ/JU
Sample : J1506-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-22(2-4)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 45487544

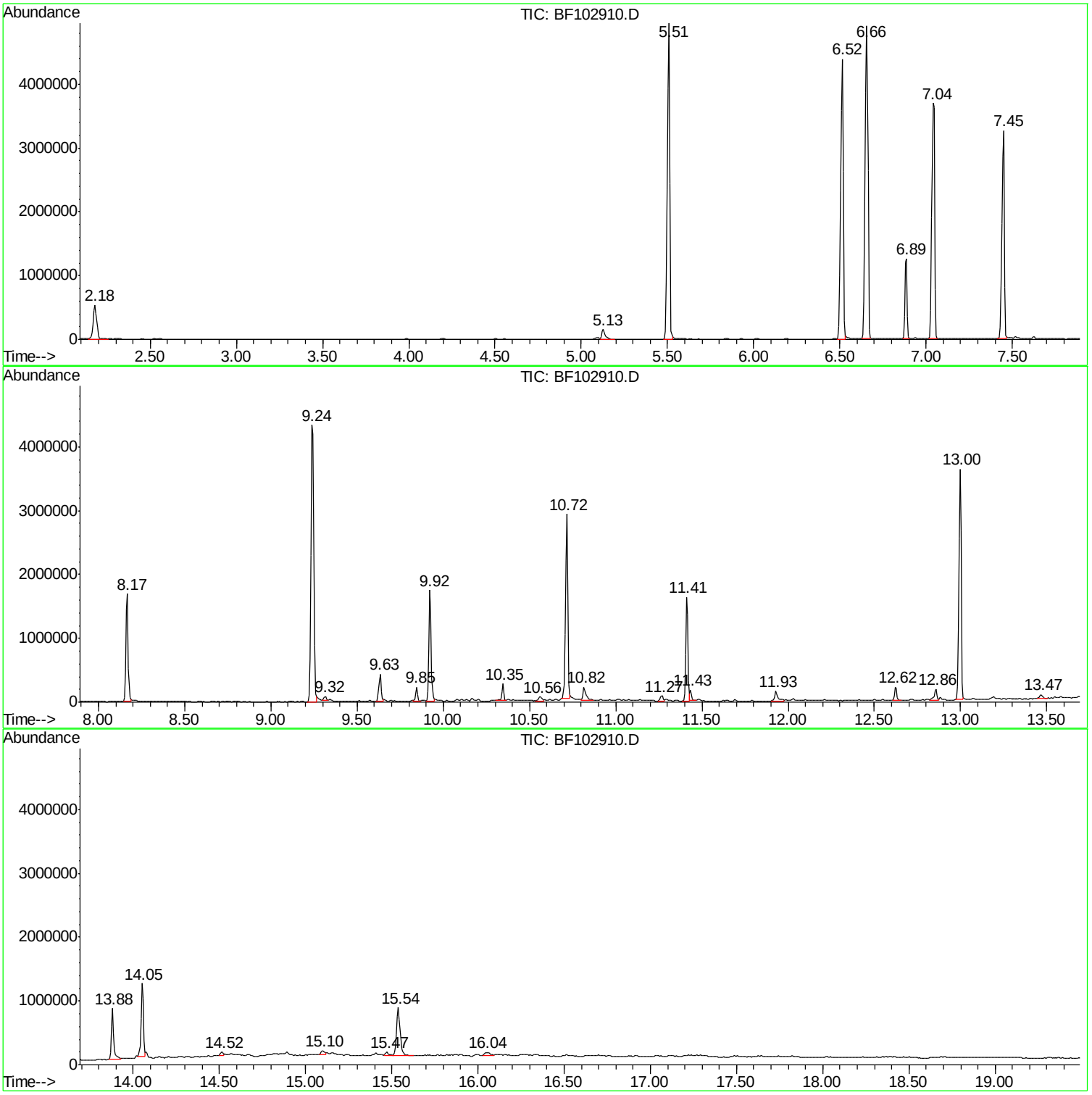
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102910.D
Acq On : 12 Feb 2018 10:35
Operator : SJ/JU
Sample : J1506-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-22(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102910.D
Acq On : 12 Feb 2018 10:35
Operator : SJ/JU
Sample : J1506-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-22(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

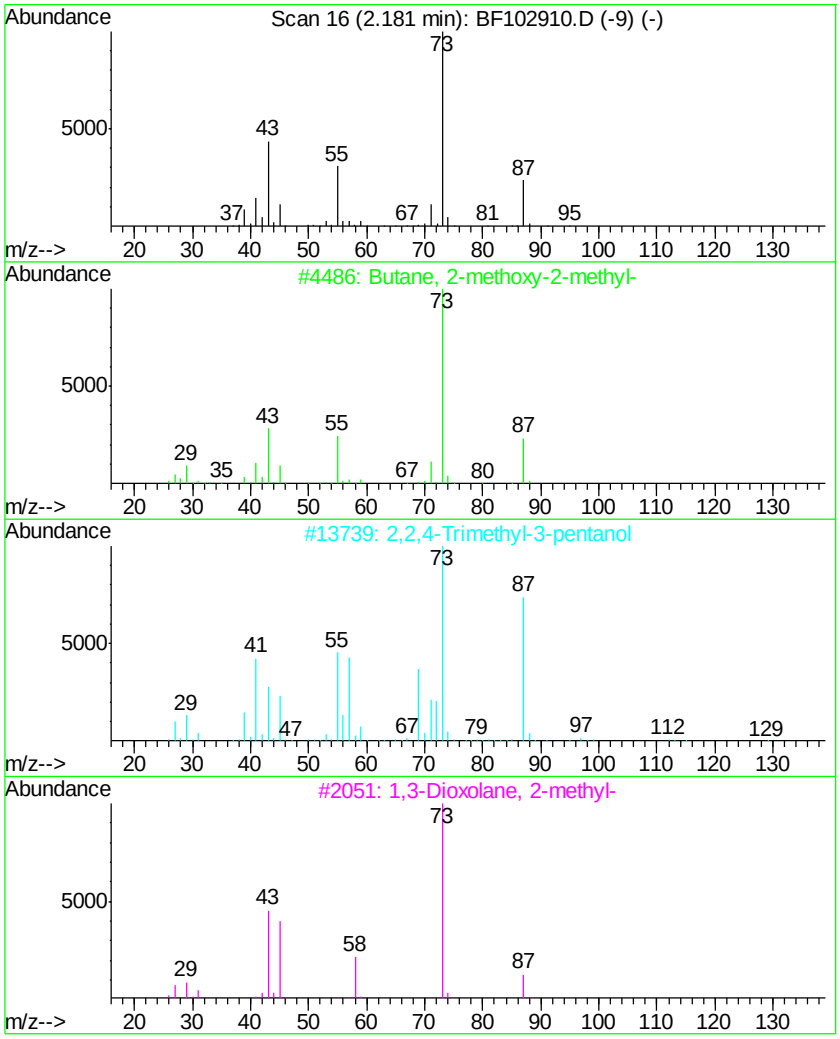
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

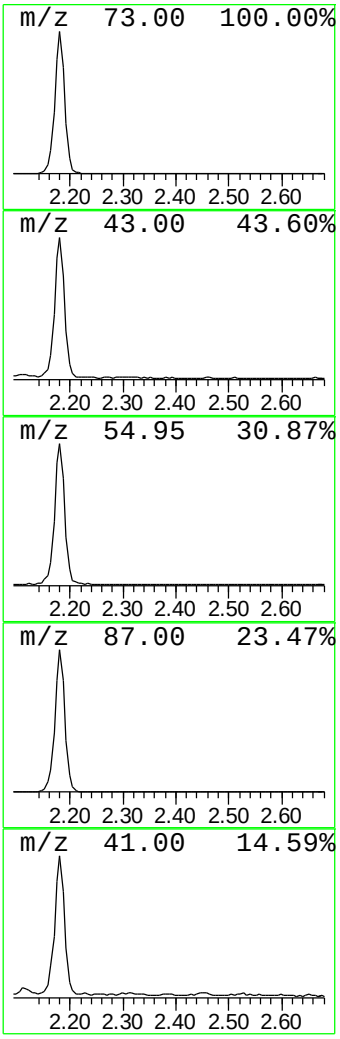
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	12.67 ng	718344	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102910.D
Acq On : 12 Feb 2018 10:35
Operator : SJ/JU
Sample : J1506-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-22(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

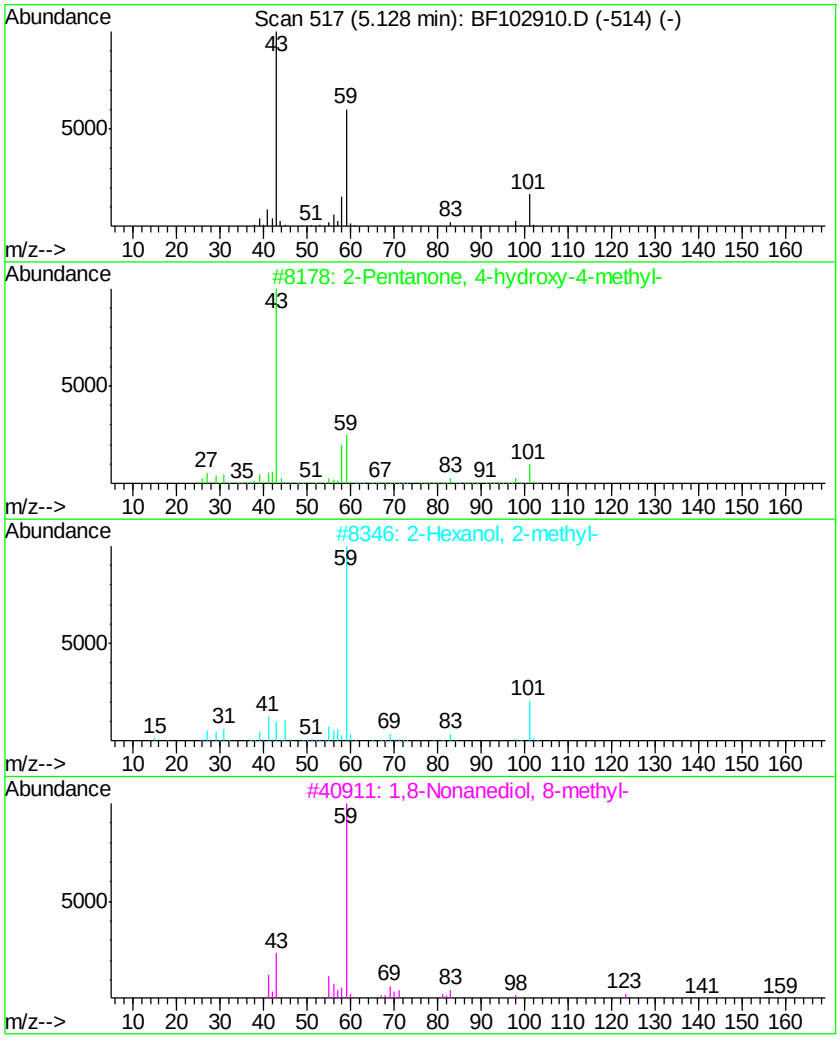
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

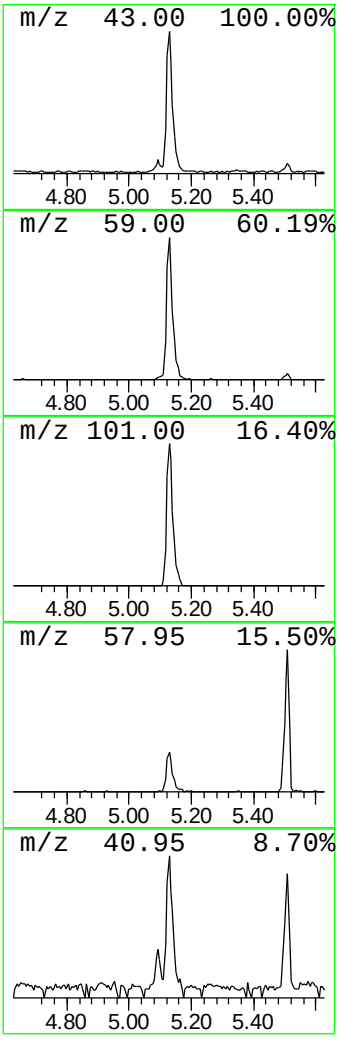
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	3.69 ng	209364	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102910.D
Acq On : 12 Feb 2018 10:35
Operator : SJ/JU
Sample : J1506-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-22(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

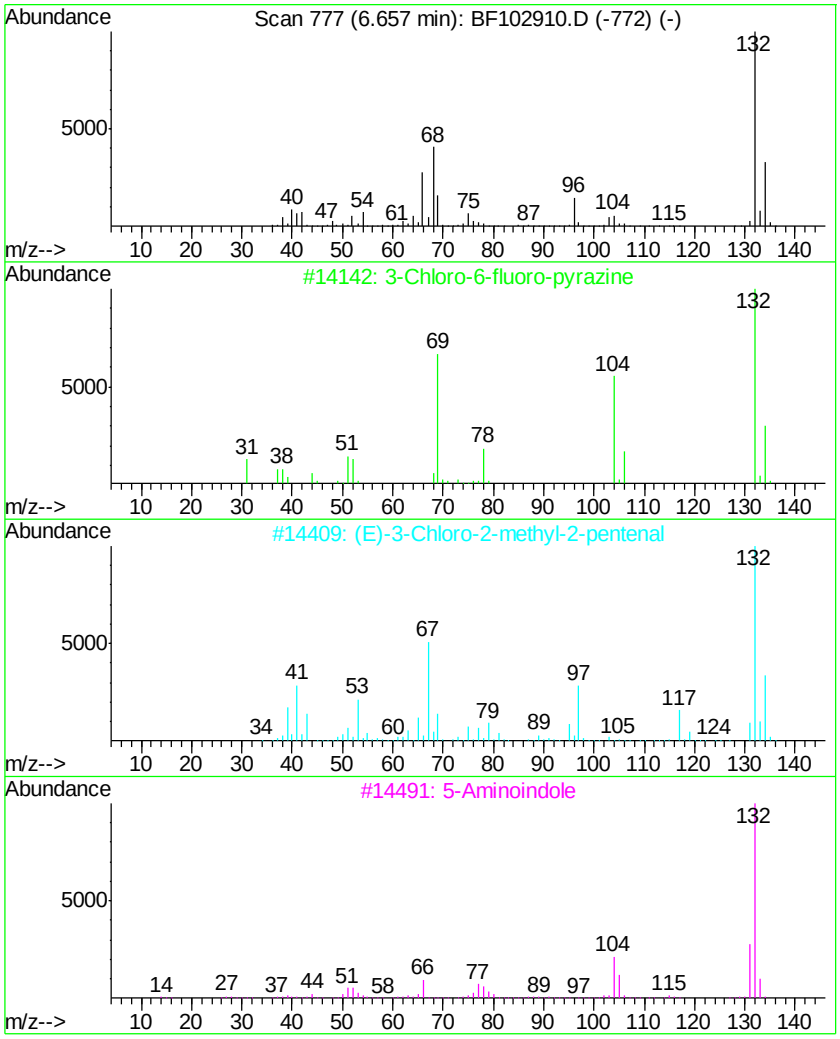
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

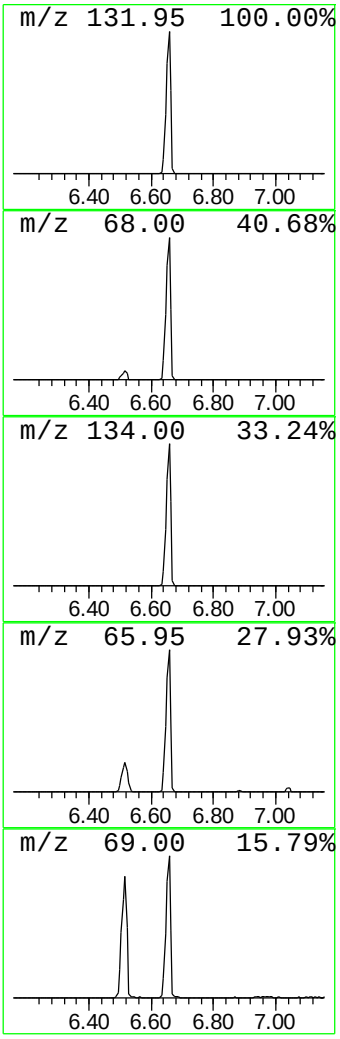
****

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	89.29 ng	5063630	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102910.D
Acq On : 12 Feb 2018 10:35
Operator : SJ/JU
Sample : J1506-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-22(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

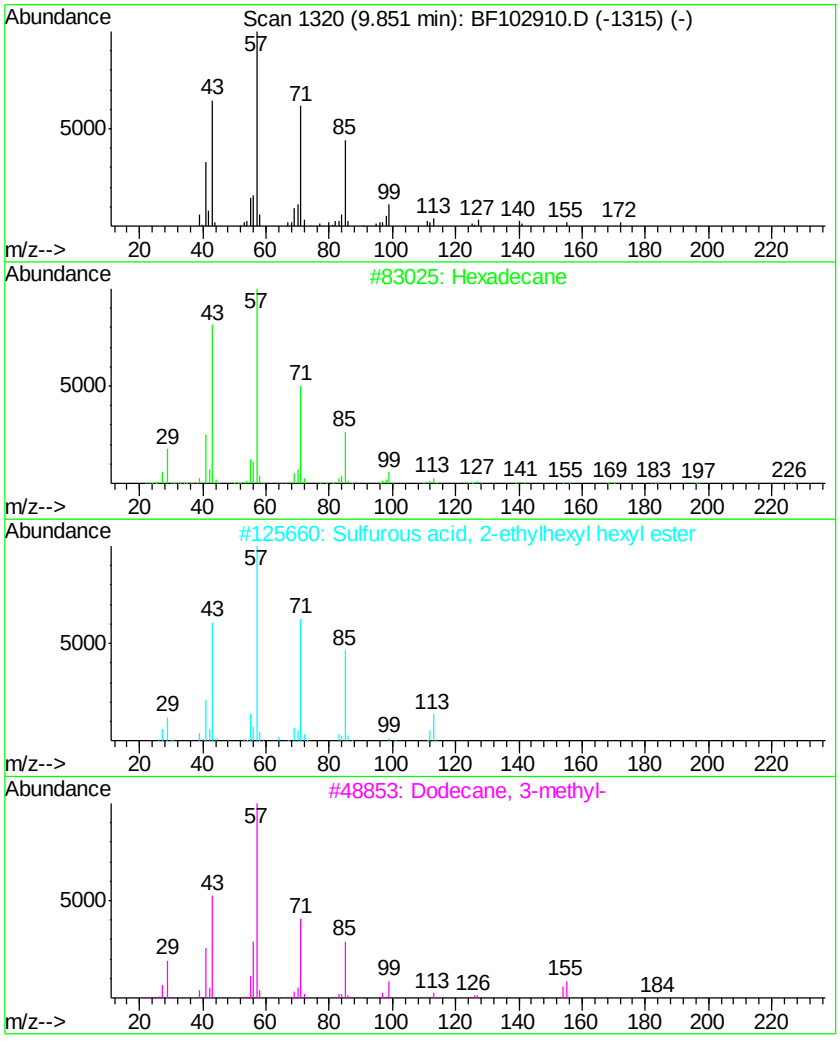
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

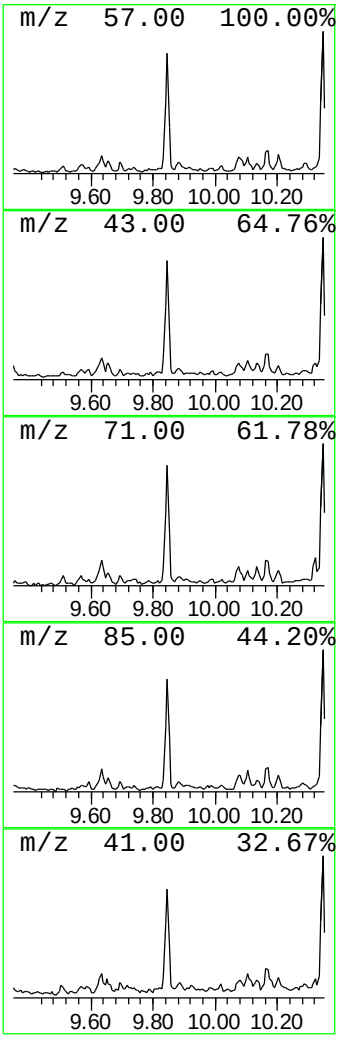
****

Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.19 ng	174769	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	53





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102910.D
Acq On : 12 Feb 2018 10:35
Operator : SJ/JU
Sample : J1506-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-22(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

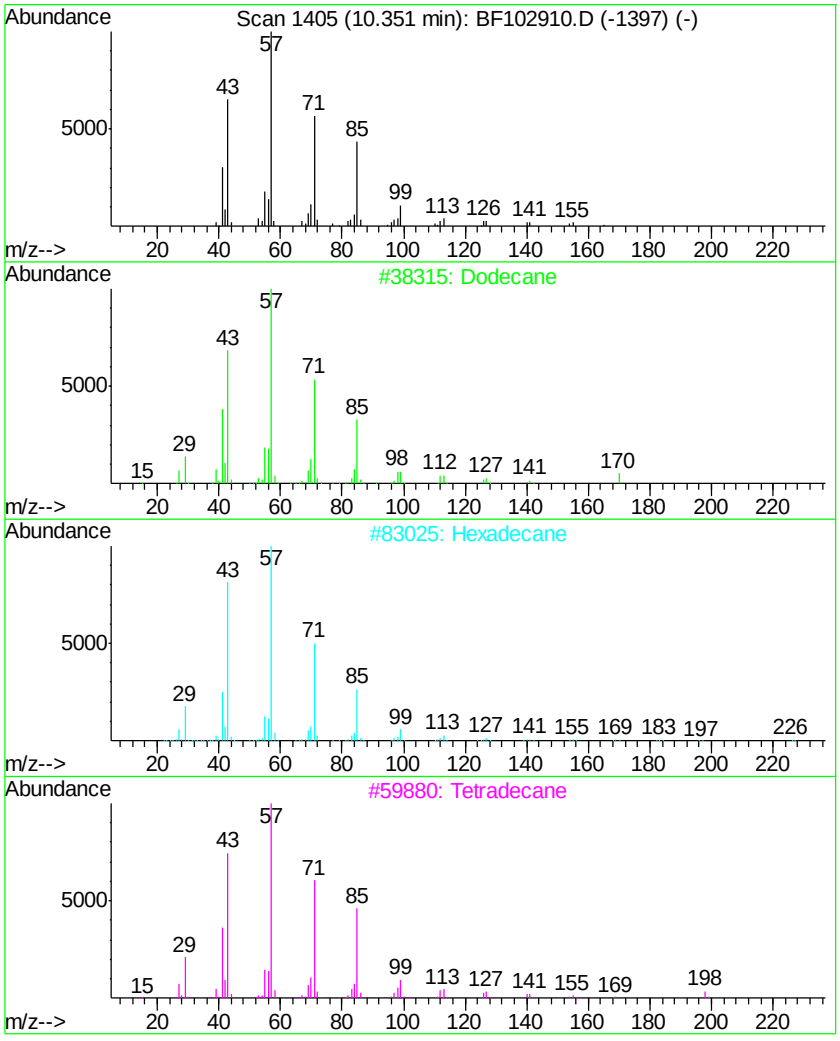
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

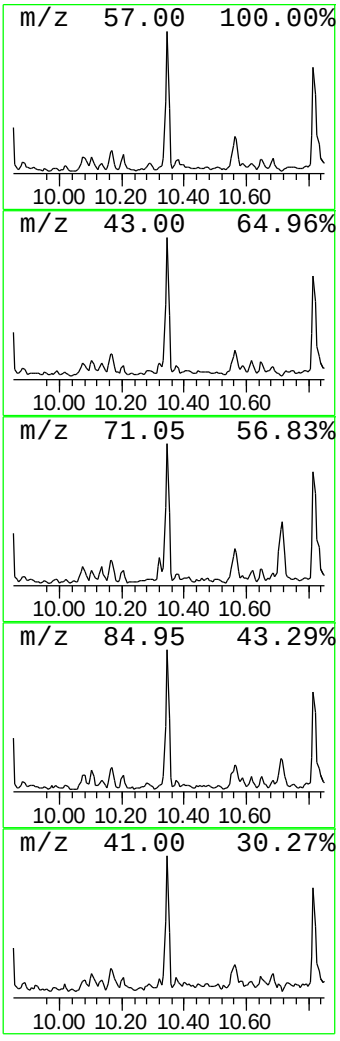
****

Peak Number 6 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.73 ng	217465	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Heptadecane	240	C17H36	000629-78-7	86





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102910.D
Acq On : 12 Feb 2018 10:35
Operator : SJ/JU
Sample : J1506-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-22(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

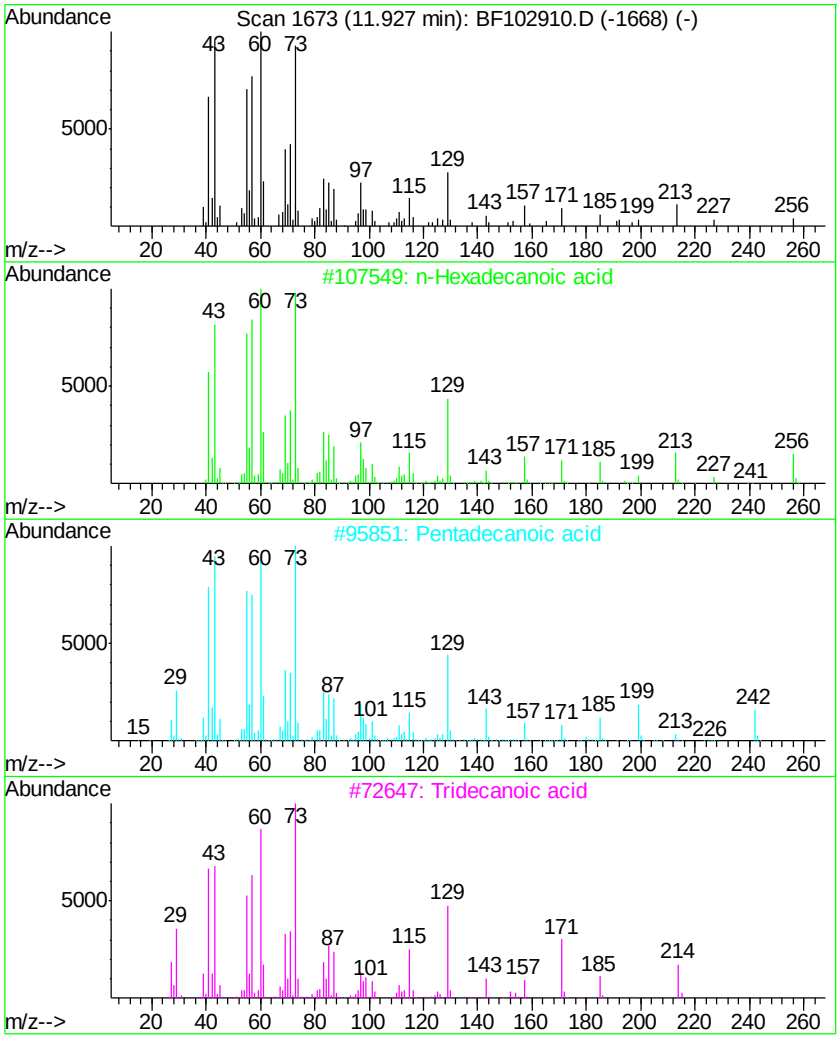
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

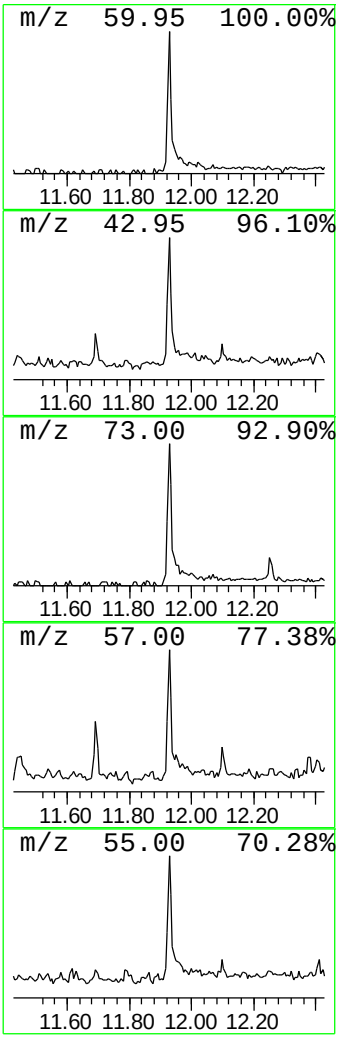
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.78 ng	209066	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	78
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102910.D
Acq On : 12 Feb 2018 10:35
Operator : SJ/JU
Sample : J1506-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-22(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

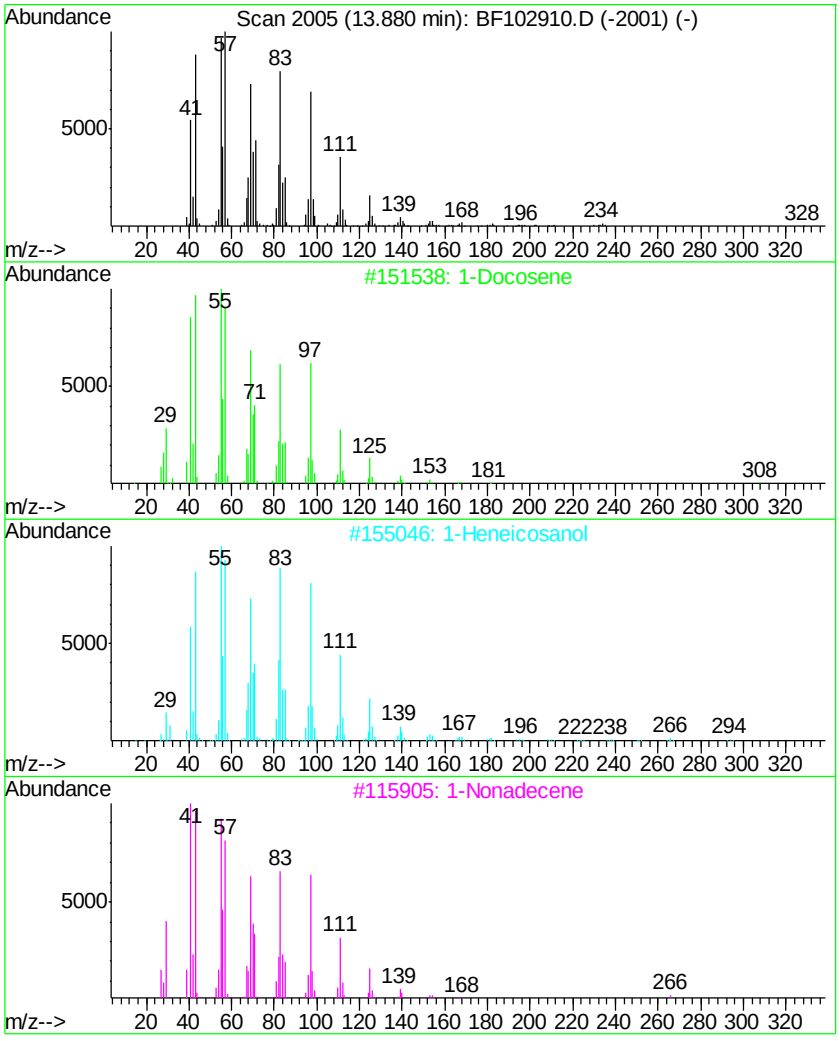
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

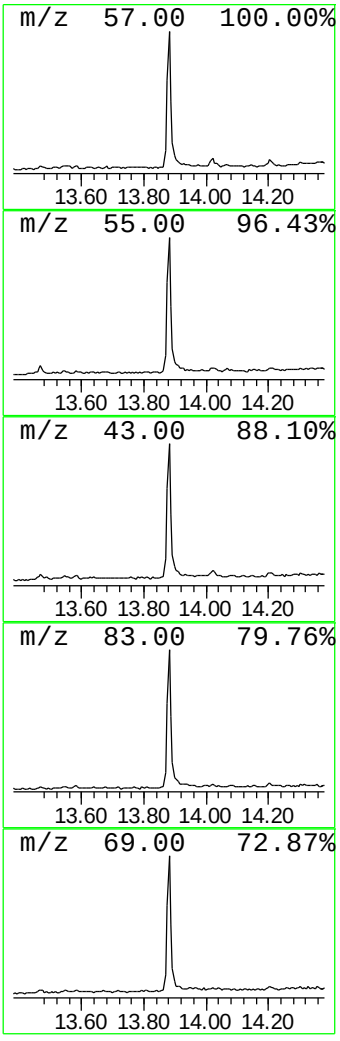
****

Peak Number 9 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	13.65 ng	759803	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021218\
Data File : BF102910.D
Acq On : 12 Feb 2018 10:35
Operator : SJ/JU
Sample : J1506-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-22(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.18	12.7	ng	718344	1	6.89	1134140	20.0
2-Pentanone, 4-hy...	5.13	3.7	ng	209364	1	6.89	1134140	20.0
unknown6.66	6.66	89.3	ng	5063630	1	6.89	1134140	20.0
Hexadecane	9.85	2.2	ng	174769	3	9.92	1594970	20.0
Dodecane	10.35	2.7	ng	217465	3	9.92	1594970	20.0
n-Hexadecanoic acid	11.93	2.8	ng	209066	4	11.41	1501610	20.0
1-Docosene	13.88	13.7	ng	759803	5	14.05	1113190	20.0